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Overview

This section was originally created in the Spring 2004 edition to simplify access to reference documents that were previously included under Operational Equipment. All references are classified as either "Field Expedient References", "Reference Databases", or "References", with the first category highlighting those items that would be useful to carry to the scene of an incident. Where possible, author, International Standard Book Number (ISBN), and edition information are provided. Comments on the applicability and utility of specific references are also provided.

Online Selection Factors

Like most sections in the 2006 SEL, the online¹ version of the References Section uses a pair of selection factors to assist users in quickly identifying appropriate equipment items. For the References Section, the SubGroup chose to use the Mission Role definitions from Section 1 as the first factor, and the Hazard Environment definitions from Section 2 as the second. The intent is to allow selection of recommended references by detailed mission role (patrol officer, firefighter, hazmat technician, etc.) and general hazard environment (Chemical, Biological, etc.). See the introductions to Sections 1 and 2 for the specific definitions used. Every online item is "tagged" for each appropriate combination of factors. Thus users on the online version can choose any combination of Mission Role and Hazard Environment, and the system will provide a list of all items tagged for that combination.

¹ The on-line version is available on the Responder Knowledge Base, www.rkb.mipt.org.

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations		
FR - Field Expedient References 00				
11FR-00-CHRS	Author: USCG	Resource Scene Reference		
CHRIS Manual		Quantity of chemicals discussed. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development. Particularly suited for toxic industrial chemicals. Does not address military agents.		
11FR-00-EAGR	Author: Association of American Railroads	Resource Scene Reference		
Emergency Action Guides	ISBN: 9990687420	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.		
11FR-00-ECHE	Author: Bronstein, Currance ISBN: 0323023428	Resource Scene Reference		
Emergency Care for Hazardous Materials Exposure	Edition: Third Pages: 896	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.		
11FR-00-EETG	Author: Matheson ISBN: 9994698605	Limited descriptions of toxicological mechanisms		
Effects of Exposure to Toxic Gases; First Aid and Medical Treatment	(3DN: 777407800)	Quantity of chemicals discussed. Reference resource during preplanning, training, and exercise development.		
11FR-00-EHMR	Author: Association of American Railroads ISBN: 9990687005	Resource Scene Reference		
Emergency Handling of Hazardous Materials in Surface Transportation		Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.		

Item Number/Title	Description	Features/Operating Considerations
FR - Field Expedient Referen	nces	
11FR-00-EPAP	Author: Morgan ISBN: 0912702818	Descriptions of toxicological mechanisms.
EPA Recognition and Management of Pesticide Poisoning	Edition: Third Pages: 218	Used for preplanning, training, and exercise development.
11FR-00-FCHM	Author: Meister ISBN: 9990801061	Resource Scene Reference
Farm Chemicals Handbook	Edition: 2002	Quantity of chemicals discussed. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.
11FR-00-GATX	Author: GATX	Resource Scene Reference
GATX Tank Car Manual		Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.
11FR-00-GCST	Author: Milne ISBN: 0471735183	Resource Scene Reference
Gardner's Chemical Synonyms and Trade Names	Edition: 11th Pages: 1216	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.
11FR-00-GENI	McGraw ISBN: 0071341439	Resource Scene Reference
Genium's Handbook of Safety, Health, and Environmental Data	Edition: First	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.
11FR-00-HAZD	Author: Lewis, Richard J. ISBN: 0471441651	Resource Scene Reference →

Item Number/Title	Description	Features/Operating Considerations			
FR - Field Expedient Referen 00 - Continued	FR - Field Expedient References 00 - Continued				
Hazardous Chemicals Desk Reference	Edition: Fifth Pages: 1728	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11FR-00-HCCD Hawley's Condensed Chemical Dictionary	Author: Lewis, Hawley ISBN: 0471387355 Edition: 14th Pages: 1,300	Resource Scene Reference			
11FR-00-HMFG Hazardous Materials Field Guide	Delmar Publishing Author: Bevelacqua, Stilp ISBN: 0766801551 Edition: 1st Pages: 100	Resource Scene Reference Quantity of chemicals discussed. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11FR-00-HMMI Hazardous Materials: Managing the Incident - Field Operations Guide (FOG)	Red Hat Publishing Author: Bevelaqua ISBN: 1-932235-05-1 Edition: 2005 Pages: 176	Resource Scene Reference The FOG includes detailed tactical checklists that follow the Eight Step Process©, a section on identification and recognition of containers, data cards on the top 50 hazardous materials and CBRNE's, as well as a matrix of WMD and drug lab precursor chemicals. The FOG is also designed for use in the classroom to support Hazardous Materials Technician and Incident Commander training. The Field Operations Guide (FOG) is designed to be used at the incident scene as a reference guide to strategic and tactical decision-making.			
11FR-00-HTCC Handbook of Toxic and Hazardous Chemicals and	Author: Richard P. Pohanish ISBN: 081551459X Edition: 4th Pages: 2,300	Resource Scene Reference			

Item Number/Title	Description	Features/Operating Considerations
FR - Field Expedient Refer 00 - <i>Continued</i>	ences	
Carcinogens		
11FR-00-HZMI Hazardous Material Injuries	Author: Stuz Edition: Second Pages: 470	Descriptions of toxicological mechanisms.
11FR-00-JCBH Jane's Chemical/Biological Handbook	Author: Sidell ISBN 0710619235 Pages: 298	Overviews all of the primary military, chemical and biological materials. Includes differential diagnosis tools for agent identification.
11FR-00-MCWC Management of Chemical Warfare Casualties	Author: Sidell, DOD	Descriptions of toxicological mechanisms. Field quick reference for treatment of patients.
11FR-00-MERK Merck Index	Author: Chapman, Hall ISBN: 412128217 Edition: 12th	Resource scene reference for chemical hazards of technical nature. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development. The web accessible version of The Merck Index, Thirteenth Edition (2003) is co-published by Merck & Co., Inc. and CambridgeSoft. This electronic version contains the text and structures of the monographs, the supplementary tables section and the Organic Name Reactions section. This product features powerful text and substructure searching tools for exploring the database. For subscription information contact: CambridgeSoft 100 Cambridge Park Drive →

Item Number/Title	Description	Features/Operating Considerations		
FR - Field Expedient References 00 - Continued				
		Cambridge, MA 02140 USA ChemStore.Com (the online store) 800-315-7300 (US & Canada) 617-588-9300 (Local & International) info@cambridgesoft.com (sales department E-mail) The Merck Index OnlineSM is a text searchable database that contains the monograph section of The Merck Index, Thirteenth Edition. Contact the following licensed vendors for subscription access: DIALOG The Dialog Corporation 11000 Regency Parkway, Suite 10 Cary, North Carolina 27511 Tel: 1-800-3-DIALOG www.dialog.com E-mail: customer@dialog.com STN International Chemical Abstract Service 2540 Olentangy River Road Columbus, OH 43202 Tel: 1-800-848-6533 www.cas.org E-mail: help@cas.org		
11FR-00-MGDB	Author: Matheson	Detailed data on chemical gases.		
Matheson Gas Data Book		Detailed towards industrial gases. →		

Item Number/Title	Description	Features/Operating Considerations		
FR - Field Expedient References 00 - Continued				
		Suitable for reference at the scene of an incident and during preplanning, training, or exercise development.		
11FR-00-MMBC Medical Management of Biological Casualties Handbook	Author: DOD	Descriptions of toxicological mechanisms caused by biological hazard.		
11FR-00-MMCC Medical Management of Chemical Casualties Handbook	Author: DOD	Descriptions of toxicological mechanisms caused by chemical weapons.		
11FR-00-MMRC Medical Management of Radiological Casualties Handbook	Author: DOD ISBN: 1931828237 Edition: 1st Edition Pages: 133	Descriptions of toxicological mechanisms caused by radiological hazards.		
11FR-00-NA00 North American Emergency Response Guidebook	Author: U.S. Department of Transportation ISBN: 066017992X Edition: 2000	Resource Scene Reference Details of chemicals discussed. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.		
11FR-00-PGCH NIOSH Pocket Guide to	Author: National Institute for Occupational Safety and Health	Excellent quick reference for toxic industrial chemicals. Also available in CD-ROM and online version. →		

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations			
FR - Field Expedient Referen	FR - Field Expedient References 00 - Continued				
Chemical Hazards	DHHS NIOSH Publication Number 2005-149. CD-ROM Version Available, DHHS NIOSH Publication Number 2005-151.	Can be obtained by calling 1-800-35-NIOSH.			
11FR-00-PHRG	Author: CDC available at www.bt.cdc.gov Edition: 1.0	All-hazards reference tool. Pocket-sized. Durable. Contains checklists, templates, and guidance.			
Public Health Emergency Response Guide for State, Local, and Tribal Public Health Directors	Pages: 65	Designed for public health professionals responsible for initiating response activities during the first 24 hours of an emergency or disaster. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11FR-00-QGPC	Author: Forsberg, Mansdorf ISBN: 471287970	Resource Scene Reference			
Quick Selection Guide to Chemical Protective Clothing	Edition: 3rd Pages: 124	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11FR-00-SAXS	Author: Lewis, Richard J. ISBN: 0471354074	Resource Scene Reference for chemical hazards.			
Sax's Dangerous Properties of Industrial Materials	Edition: Tenth Pages: 3735	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11FR-00-SYMS	Author: Paul Burns Edition: International Edition	Resource Scene Reference			
Symbol Seeker, Hazard Identi- fication Manual, International Edition	ISBN: 095088362X	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations			
FR - Field Expedient Referen 00 - Continued	FR - Field Expedient References 00 - Continued				
11FR-00-TLVS	Author: ACGIH	Resource Scene Reference			
TLVs and BEIs Guidebook		Quantity of chemicals discussed. Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
RD - Reference Databases 00					
11RD-00-CWCH Chemwatch Chemical Database and Management System	Publisher: ChemwatchNA www.chemwatchna.com	Chemical database for first response information including reports on spills, first aid, medical advice, firefighting, physical properties, PPE, exposure, etc. Tools for quick comparisons of chemical characteristics, labeling, and inventory. Available in multiple languages.			
11RD-00-GPPS	Author: Keith, Lawrence ISBN: 873717104	Resource Scene Reference			
Gloves Plus	Pages: 26	Suitable for reference at the scene of an incident and as a reference resource during preplanning, training, and exercise development.			
11RD-00-PGCH NIOSH Pocket Guide to Chemical Hazards (Electronic)	Author: National Institute for Occupational Safety and Health Electronic version of the pocket guide. Edition: 2005	Free for download from http://www.cdc.gov/NIOSH/npg/. See publications and databases. Lists physical, chemical and toxicological properties of Toxic Industrial Chemicals (TICs).			
11RD-00-TPLS	Author: Micro Medix	Resource Scene Reference			
Tomes Plus / Chemical	Pages: CD-ROM	Suitable for reference at the scene of an incident and as a reference resource during →			

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations
RD - Reference Databases 00 - Continued		
Knowledge Database		preplanning, training, and exercise development.
11RD-00-TXFQ ToxFAQs(TM) Series, Agency for Toxic Substances and Disease Registry (ATSDR)	The ATSDR ToxFAQs(tm) is a series of summaries about hazardous substances developed by the ATSDR Division of Toxicology. Information for this series is excerpted from the ATSDR Toxicological Profiles and Public Health Statements.	Each fact sheet serves as a quick and easy to understand guide. Answers are provided to the most frequently asked questions (FAQs) about exposure to hazardous substances found around hazardous waste sites and the effects of exposure on human health.
RE - References		
Air Monitoring Instrumenta- tion: A Manual for Emergency Investigatory and Remedial Responders	Author: Maslansky, Carol J. and Maslansky, Steven P. ISBN: 0471284602 Pages: 304	Used for preplanning, training and exercise development.
11RE-00-CCDM Control of Communicable Diseases Manual	American Public Health Association Dr. David Heymann, Editor ISBN: ISBN 0-87553-035-4 Edition: 18th Edition Pages: 700	The Control of Communicable Diseases Manual is the most widely recognized sourcebook on infectious diseases. The new 18th edition addresses concerns about the impact of communicable diseases around the globe as communicable diseases, new and unknown, continue to thrive, kill, maim and surprise the masses. Among the diseases addressed in the new edition is Severe Acute Respiratory Syndrome (SARS).

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
11RE-00-COMM Common Sense Approach to Hazardous Materials	Pennwell Corporation Author: Fire, Frank L. ISBN: 091221211X Edition: Second, 1996 Pages: 448	Textbook dealing with the chemistry and effects of hazardous chemicals and radiation.
11RE-00-CTCP Clinical Toxicology of Commercial Products	Author: Gosselin ISBN: 0683036327 Edition: 5th Edition Pages: 2009	Descriptions of toxicological mechanisms of Toxic Industrial Chemicals (TICs). Detail of mechanisms somewhat limited. Reference resource during preplanning. Used for training Hazardous Materials Technicians.
11RE-00-ERHM Emergency Medical Response to Hazardous Materials	Delmar Publishing Author: Bevelacqua, Stilp ISBN: 0827378297 Edition: 1st Pages: 544	Descriptions of toxicological mechanisms for the field medical technician Limitations due to the level of deployment, based upon protocol which the field medical technician can function. Reference resource during training. Used for training Hazardous Materials Technicians.
11RE-00-FGAC First Responder's Guide to Agricultural Chemicals Accidents	Author: Foden-Weddell ISBN: 0873717996 Pages: 540	Descriptions of toxicological mechanisms for the field medical technician Limitations due to the level of deployment agricultural chemicals, based upon protocol which the field medical technician can function. Reference resource during training. Used for training Hazardous Materials Technicians.
11RE-00-HAMD HazMat Air Monitoring and	Hawley ISBN: 0766807274 Pages: 160	

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
Detection Devices		
11RE-00-HBMT	Viccellio ISBN: 0316902470	Descriptions of toxicological mechanisms.
Handbook of Medical Toxicology	ok of Medical Pages 812	Used for preplanning, training, and exercise development.
11RE-00-HCFA	Author: Foden, Weddell ISBN: 0873719018	Descriptions of toxicological episodes.
Household Chemicals and Emergency First Aid	Pages: 448	Limited towards the level of description. Household chemicals only. Reference resource during training. Used for training Hazardous Materials Technicians.
11RE-00-HMCD Hazardous Materials Chemistry	Delmar Publishing Author: Bevelacqua ISBN: 0766814343 Edition: 1st Edition Pages: 240	Basic chemical nomenclature for the responder. Textbook. Detailed chemical mechanisms are not discussed. Reference resource during training. Used for training Hazardous Materials Technicians.
11RE-00-HMMI Hazardous Materials: Managing the Incident	Red Hat Publishing Author: Noll, Hildebrand ISBN: 1-932235-04-3 Edition: Third, 2005 Pages: 648	Overviews the management of hazardous materials incidents. Primarily a learning text. The textbook consists of 12 chapters with chapters 1-3 addressing preparing for the incident and chapters 4-12 addressing how to respond safely to a hazardous materials incident. Chapter 4 is written as a "bridge chapter" and provides an overview of the Eight Step Process© which is a systematic way of approaching a hazmat incident. Chapters 5-12 expand on Chapter 4 by dedicating one chapter to each of the Eight Steps. Suitable for preplanning, training, and exercise development.

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
11RE-00-HMRH NFPA Hazardous Materials Response Handbook	National Fire Protection Association Author: Jerry Laughlin, David Trebisacci ISBN: 0877654646 Pages: 607	The Hazardous Materials Response Handbook includes: The complete texts of the 2002 editions of NFPA 471, NFPA 472, and NFPA 473; Relevant commentary that provides background information plus hands-on advice based on years of experience in the field; More than 200 illustrations, photos, and worksheets that support key facts so you can understand them more fully and apply requirements correctly; Explanations of how to respond to haz-mat incidents resulting from general criminal/terrorist activities, as well as those involving weapons of mass destruction and radioactive materials; Practical guidance on emergency medical service response to incidents involving weapons of mass destruction and radioactive materials; Reference resource during preplanning, training, and exercise development. Includes relevant NFPA standards.
11RE-00-JFSH Jane's Facility Security Handbook 11RE-00-JICM Joint Information Center (JIC) Manual	Author: Kozlow, Sullivan ISBN: 0710622880 Pages: 320	Descriptions of primary planning issues

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
11RE-00-MASS Mass Casualty and High Impact Incidents - An Operations Guide	Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-099222-4 Edition: First Pages: 219	Reference for planning and training.
11RE-00-MRSP Medical Response to Weapons of Mass Destruction	Author: Phillip L. Currance, EMT-P, RHSP ISBN:0323023312 Pages: 231	Useful for education of first response medical personnel.
11RE-00-NIMS National Incident Management System; Principles and Practice	Authors: Walsh, Christen, Maniscalco, Callsen, Miller ISBN: 0-7637-3079-3 Pages: 264	Reference for planning and training Used for preplanning, training, and exercise development.
11RE-00-PODO Poisoning and Drug Overdose	Author: Olson ISBN: 0838502601 Pages: 569	Descriptions of toxicological mechanisms. Used for preplanning, training and exercise development.
11RE-00-SPOP Special Operations for Terrorism and HazMat Crimes	Red Hat Publishing Author: Hawley, Noll, Hil- debrand ISBN: 0965656578 Pages: 192	Used for preplanning, training and exercise development.
11RE-00-STRT	Red Hat Publishing Author: Callan	Used for preplanning, training and exercise development. →

Section 11 | CBRNE Reference Materials

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
Street Smart HazMat Response	Edition: First ISBN: 096565656X	
11RE-00-TCBH CB FRH (Chem Bio) First Responder Handbook	Tempest Publications Author: Venzke ISBN: 096654370X Pages: 198	Descriptions of military generated chemicals Quantity of chemicals discussed. Reference resource during preplanning and exercise development.
11RE-00-TCBQ Chem Bio Frequently Asked Questions (CB FAQ)	Tempest Publications Author: Graves ISBN: 0966543718 Edition: 1st Pages: 175	Descriptions of military generated chemicals. Questions and answers. Quantity of chemicals discussed. Reference resource during preplanning and exercise development.
11RE-00-TERF Terrorism Response: Field Guide for Fire and EMS Organizations	Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-110906-5 Pages: 179	Reference for planning and training.
11RE-00-TERL Terrorism Response: Field Guide for Law Enforcement	Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-110747-X Pages: 163	Reference for planning and training.
11RE-00-THOR Terrorism Handbook for Operational Responders	Thomson Delmar Learning Author: Bevelacqua ISBN: 1401850650 Edition: Second	Reference for planning and training. →

Item Number/Title	Description	Features/Operating Considerations
RE - References 00 - Continued		
	Pages: 160	
11RE-00-TRMQ	Author: Berga, Byrd, et al	General discussion on radiological chemicals.
Transport of Radiological Materials: Q&A About Incident Response		Level of information discussed. Reference resource during preplanning, training, and exercise development.
11RE-00-UNDR Understanding Terrorism and Managing the Consequences	Author: Christen, Henry T. and Maniscalco, Paul M. ISBN: 0-13-021229-6 Pages: 556	Used for preplanning, training and exercise development.